

7 needs Richard Harris W 2015  
 2 N To be Assigned  
 Filed March 16, 1992  
 AHJ DEF JARPR 2022 02

Sheet 1 of 9  
 #7852390-  
 8/165533

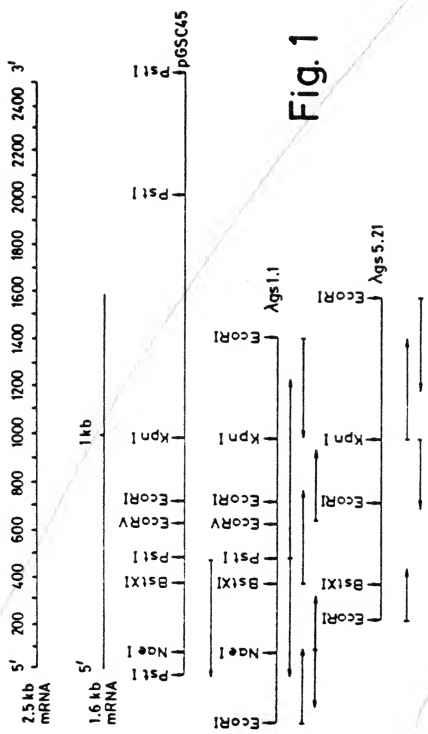


Fig. 1



N To be Assigned  
 Filed March 16, 1998  
 AHJ DKJ CARPR 002202

8/30224 ~~07/852390~~ 8/165533

**Fig. 2a**

[illegible][illegible]

	150	160	170	180	190	200	210	220
a:	ATGGCCACCTCAGCAAGTCCCACTTGACAAACATGACATGATCTGTGCCCTCCAGGCGTGAGAA							
b:	M A T S A S S H L N K N I K Q M Y L C L P Q G G E K							
c:	ACA T S A S S H L B K G I K Z V Y Y m a L L P Q G G d K							
d:	CB X-D	1	5	10	15	20	CB XI-20	

	230	240	250	260	270	280	290
a:	GTCCAGCCATG	TATATCGG	TGTGTA	CTGGAGG	AGGACT	GGCGCTGC	AAACCCG
b:	V Q A M Y I	W V D G	T G E G	L R C K	T R T L	D C E	
c:	V Q A M Y I	W I D G	T G E G	L R C K	T R T L	X S X	
d:	25	30	35	40	45		

	300	310	320	330	340	350	360	370
5a:	CCCAAGTGTG	TACAAGAGT	TACCTCAGT	GGAAATTT	GATGGCT	TAGTACT	TTTCAGT	CTGAGGCGTCCACAGT
5b:	P K C V E E L	P E W N F	D G S S T	F Q S E G	S N S			
5c:	P K k p a	b b t n l	z r					
5d:	50	55	60	65	70			

Ap conts Richard Harris  
SIN To be Assigned  
Filed March 16, 1992  
AHJ DK4 CARPR 002782

WJI Netal

Sheet 3 of 9

8/302241-852390  
8/165533

Fig. 2b

a:	380	390	400	410	420	430	440
b:	GACATGCTATCTCAGCCCTGTTGCCATGTTTCGGGACCCCTTCGCAGAGATCCCAACAAGCTGGTGTCTGTGAA						
c:	D M Y L S P V A M F R D P P R R D P N K L V P C E						
d:	M Y L V P A A M F R D P P k R D P N X L V P C E						
	CB XII-C	CB VI-C					
	75	80	85	90	95		
a:	450	460	470	480	490	500	510
b:	GTTTTCACTACACCGGAGCCGTCAGAGACCAATTTAAGGCACTCTGTAAACGGATAATGCACATGGTGAGC						
c:	V P K Y N R K P A E T N L R H S C K R I M D M V S						
d:	V F X Y N k r P A E T N L X X t C						
	100	105	110	115	120		
a:	530	540	550	560	570	580	590
b:	AACCAGCACCCCTGGTGTGGAAATGGAACAGGAGTACTCTGATGGGAACAGATGGGCACCCCTTTTGGTTGGCCT						
c:	N Q H P W F G M E Q E Y T L M G T D G H P P G W P						
d:	N Q X P X P G M E Q E Y T L M G T r G r P P G X P						
	125	130	135	140	145		
a:	600	610	620	630	640	650	660
b:	TCCATGGCTTTCCTGGGCCCCAGGTCGGTATTACTGTGGTGGGGCGCAGACAAAGCTATGGCAGGATATC						
c:	S N G F P G P Q G P Y Y C G V G A D K A Y G R D I						
d:	S N C F X G P Q a						
	150	155	160	165	170		

# Fig. 2c

a:	680	690	700	710	720	730	740
b:	GTGAGGCTCACTACCGCGCTGTCGTATCTGGGTCAAGGATACAGGAACAAATCTGAGGTCTAGCTGCTGCC						
c:	V E A H Y R A C L Y A G V K I T G T N A E V M P A						
d:	A C L Y A G I K 9 G T N X X V M P A						
	T VII-G				- CB VI-D		CB XI-H
	175	180	185	190	195		
a:	750	760	770	780	790	800	810
b:	CAGTGGGAATTCCTCAATAGACCTGTGAAGGAATCCGCATGGGAGATCATCTCTGGGTGGCCGTTTCATCTTG						
c:	Q W E F Q I G P C E G I R M G D H L W V A R P I L						
d:	Q W E F Q I G P C E G I d M 205						
	200	205	210	215	220		
a:	830	840	850	860	870	880	890
b:	CATCAGTATGTGAAGACTTTGGGGTAAATAGCAACCTTTGACCCCAAGCCATCTCTGGGAACCTGGAATGGTGCA						
c:	H R V C E D P G V I A T P D P K P I P G N W N G A						
d:	225	230	235	240	245		
a:	900	910	920	930	940	950	960
b:	GGCTGCCATACCAACTTTAGCACCAAGGCCATCGGGAGGAGAAATGCTCTGAAGCACATCGAGGAGGCCATCGAG						
c:	G C H T N F S T K A M R E E N G L K H I E E A I E						
d:	250	255	260	265	270		
			CB III-C				

A. Richards Richard Hudson WI N. et al  
 SN. Tube Assigned  
 Filed March 16, 1992  
 AHJ Dkt. CARPR 0022 02

8/300241-11/852390-  
 8/165533

Sheet 4 of 9

# Fig. 2d

980 990 1000 1010 1020 1030 1040  
 a: AACTAAGCAGCGGACCGGTACCATTCGAGCCTACGATCCCAAGGGGGCGCTGGACAAATGCCCGGTCTG  
 b: K L S K R H R Y H I R A Y D P K G G L D N A R G L  
 c: X L St K n i n y q A Y B P K  
 d: T IX-B-2 280 285 T IX-B-1 290 295  
 275

1050 1060 1070 1080 1090 1100 1110 1120  
 a: ACTGGGTCCAGAAACGTCCAAATCAACGACATTTCTGCTGGTCTGGCAATCGCAGTGCAGCATCGCATT  
 b: T G F H E T S N I N D F S A G V A N R S A S I R I  
 c: T S N I N y q 9 A S I R I  
 d: (-CB III-C) 310 315 T IX-C-1 320  
 300 305

1130 1140 1150 1160 1170 1180 1190  
 a: CCCCGGACTGTCGGCAGGAGAAAGGTACTTTGAAGCGCGCCCTCTGCCAATGTGACCCCTTTGCA  
 b: P R T V G Q E K K G Y F E D R R P S A N C D P F A  
 c: P R  
 d: T IX-E 330 335 340 345  
 325

1200 1210 1220 1230 1240 1250 1260 1270  
 a: GTGACAGAGCCATCTCCGCACATGCTTCTCAATGAGACTGGCGACGAGCCCTTCCAAATACAAAACTAATTA  
 b: V T E A I V R T C L N E T G D E P Q Y K N \*\*\*  
 c: T C L L N Z T G B Z P P Q Y K  
 d: T VI-K 350 355 360 365 370 372  
 350

Appl. to  
 Filed  
 Atty. Gen.

Richard Harris  
 To be Assigned  
 March 16, 1992  
 CARPR 002202

WILE

et al

Sheet 5 of 9  
 07/852390  
 8/165533

A. counts  
SN  
File &  
Atty DK

Richard Harris W. 20N et al  
Tube Assigned  
March 16, 1992  
CARPR0022 02

8/302241  
852390  
8/165533

a: GAC TTTGAGTGATCTTGAGCC TTTCC TAGTTCATCCACCCGCGCCAGCTGCTCATTTGTAAC TCAAGGATGG 1280 1290 1300 1310 1320 1330 1340

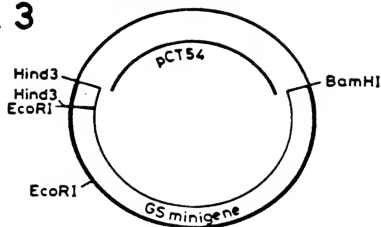
a: AATATCAAGGCTCTTTTATTCCTCGTGCCAGTTAATCTTGGCTTTTATTTGGTCAGATAGAGGAGTCAAGTTCTT 1350 1360 1370 1380 1390 1400 1410 1420

e: AATATCAAGGCTCTTTTATTCCTCGTGCCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

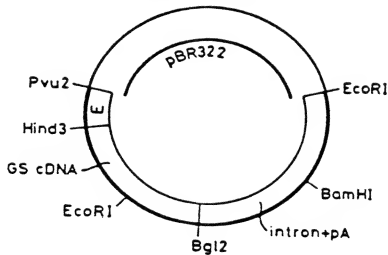
Fig. 2e

**Fig. 3**

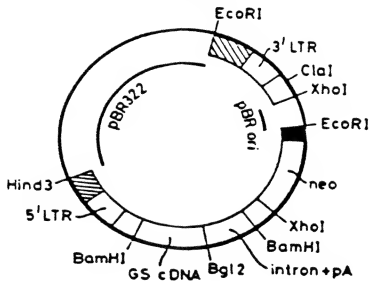
**a) pSVLGS.1**



**b) pSV2.GS**



**c) pZIPGS**







[illegible]

08/302,241

# FIG. 2b

	380	390	400	410	420	430	440
a:	GACATGTATCTCAGCCCTGTTGCCATGTTTCGGGACCCCTTCGGCAGAGATCCCAACAGCTGGTGTTCTGTGAA						
b:	D M Y L S P V A M F R D P F R R D P N K L V F C E						
c:	M Y L V P a A M F R D P F k R D P N X L V F C E						
d:	CB XII-C	CB VI-C					
	75	80	85	90			95

	450	460	470	480	490	500	510	520
a:	GTTTTCAAGTACAACCGGAAGCTGCAGAGACCAATTTAAGGCACTCGTGTAAACGGATAATGGACATGGTGAGC							
b:	V F K Y N R K P A E T N L R H S C K R I M D M V S							
c:	V F X Y N k r P A E T N L X X t C							
d:		105	110	115				
	100							120
								CB XIV CB XII-C

	530	540	550	560	570	580	590
a:	AACGACACCCCTGGTTGGATGGAACAGGAGTACTCTCATGGGAACAGATGGGACCCCTTTGGTTGGCCT						
b:	N Q H P W F G M E Q E Y T L M G T D G H P F G W P						
c:	N Q X P X F G M E Q E Y T L M G T r G r P F G X P						
d:		125	130	135	140	145	
							CB XII-A CB VI-D

	600	610	620	630	640	650	660	670
a:	TCCAATGGCTTTCCTGGGCCCAAGGTCGATTTACTGTGTGGTGGCGCAGACAAAGCCATATGGCAGGGATATC							
b:	S N G F P G P Q G P Y Y C G V G A D K A Y G R D I							
c:	S N C F X G P Q a							
d:		150	155	160	165	170		

08/302241

# FIG. 2c

	680	690	700	710	720	730	740
a:	GTGGAGCTCACTACCGCCCTGCTTGTA	TGCTGGGGTCAAGAACAAATGTCAGGACAAATGTCAGGTCATCGCTGCC					
b:	V E A H Y R A C L Y A G V K I T G T N A E V M P A						
c:	A C L Y A G i K	g G T N X X V M P A					
d:	T VII-G	- CB VI-D					CB XI-H
	175	180	185	190	195		

	750	760	770	780	790	800	810	820
a:	CAGTGGGAATCCAAATAGGACCTGTGAAGGAATCCGCATGGAGATCATCTCTGGGTGGCCCGTTTCATCTTG							
b:	Q W E F Q I G P C E G I R M G D H L W V A R F I L							
c:	Q W E F Q I G P C E G I d M							
	200	205	210	215	220			

	830	840	850	860	870	880	890
a:	CATCGAGTATGTGAAGACTTTGGGTAATAGCAACCTTGACCCCAAGCCCATCTCTGGGAACTGGAATGGTGCA						
b:	H R V C E D F G V I A T F D P K P I P G N W N G A						
	225	230	235	240	245		

	900	910	920	930	940	950	960	970
a:	GGCTGCCATACCAACTTTAGACACCAAGGCCATGCGGGAGGAAATGGTCTGAAGCACATCGAGGAGGCCATCGAG							
b:	G C H T N F S T K A M R E E N G L K H I E E A I E							
c:	M X E E N G L K Y I E E A I E							
d:	CB III-C							
	250	255	260	265	270			

08/302241

FIG. 2d

980 990 1000 1010 1020 1030 1040  
a: AAACAAAGCAGCGGACCGGTACACATTCGAGCTACCAAGGGGGGCTGGACAATGCCGTGGTCTG  
b: K L S K R H R Y H I R A Y D P K G G L D N A R G L  
c: X L St K s n i n y q A Y B P K  
d: T IX-B-2 275 280 285 290 295  
T IX-B-1

1050 1060 1070 1080 1090 1100 1110 1120  
a: ACTGGGTTCCACGAAACGTCACACATCAACGACTTTCTGCTGGTCTGCCAATCGCAGTGCAGCATCCGCATT  
b: T G F H E T S N I N D F S A G V A N R S A S I R I  
c: T S N I N Y q  
d: 300 305 310 315 320  
(-CB III-C) T IX-C-1

1130 1140 1150 1160 1170 1180 1190  
a: CCCCGACTGTCGGCCAGGAGAAAGGTACTTTGAAGACCGCGCCCTCTGCCAATTTGTGCCATTCGACCCCTTTGCA  
b: P R T V G Q E K K G Y F E D R R P S A N C D P F A  
c: P R  
d: T IX-E 325 330 335 340 345

1200 1210 1220 1230 1240 1250 1260 1270  
a: GTGACAGAGCCATCGTCGACATGCTTCTCAATGAGCTGGGAGCGAGCCCTTCCAATACAAAATAATTA  
b: V T E A I V R T C L L N E T G D E P F Q Y K N \*\*\*  
c: T C L L N Z T G B Z P F Q Y K  
d: T VI-K 350 355 360 365 370 375

APPROVED	O.G. FIG	
BY	CLASS	SUBC
DRAFTSMAN		

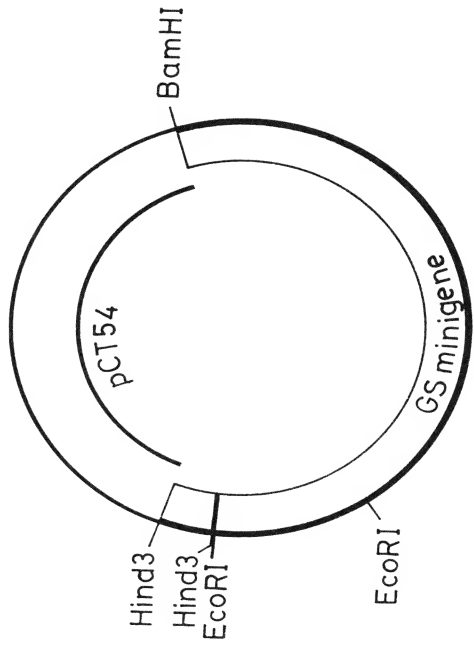
08/302,241

1280 1290 1300 1310 1320 1330 1340  
 a: GACTTTGAGTGATCTTTGAGCCTTTCCTAGTTTCATCCACCCGCCCGCTCTCTCATTTGTAACCTCAAAGGATGG  
  
 1350 1360 1370 1380 1390 1400 1410 1420  
 a: AATATCAAGGCTCTTTTATTTCCCTCGTGCCAGTTAACTCTTGCTTTTATTGGTCAGAAATAGAGGAGTCAAGTTCTTT  
 e: AATATCAAGGCTCTTTTATTTCCCTCGTGCCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

FIG.2e

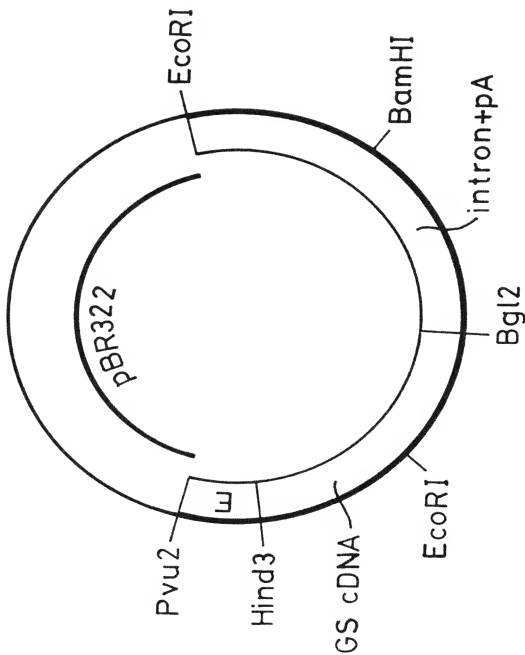
08/30/24

FIG. 3a pSVLGS.1



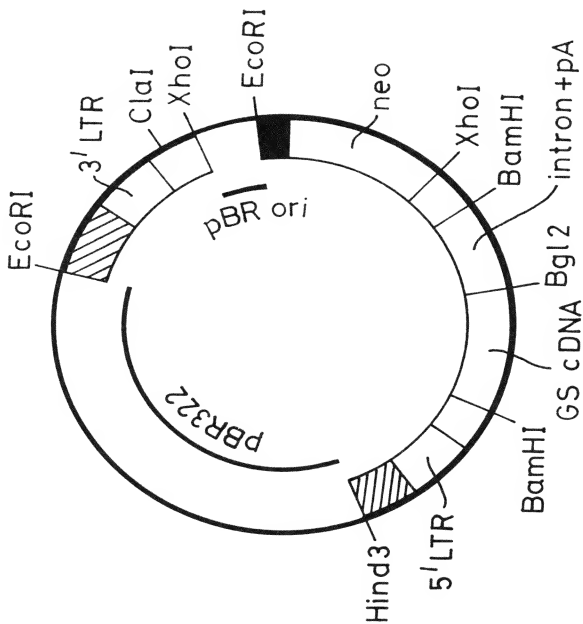
08/302241

FIG. 3b pSV2.GS



08/302,241

FIG. 3c pZIPGS

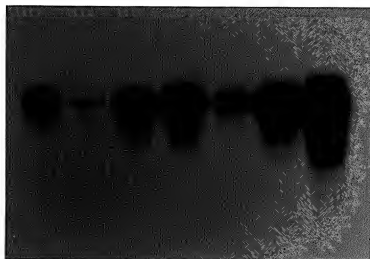




8/30021 8/165533

A.

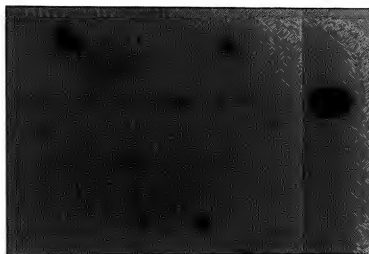
1 2 3 4 5 6 7



—9kb

B.

1 2 3 4 5 6 7



—5kb

Fig. 4

08/302241

FIG. 4A

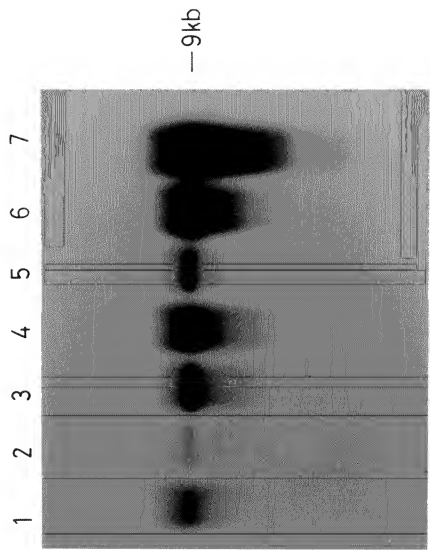
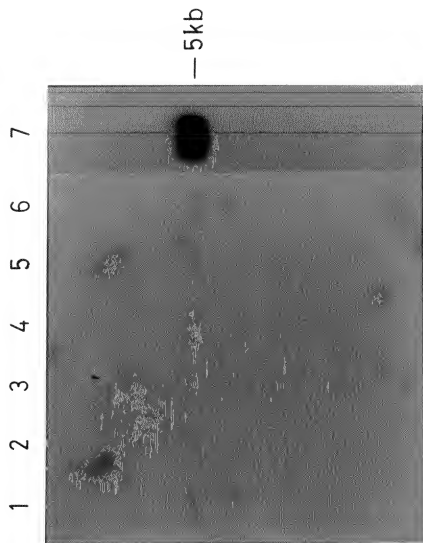


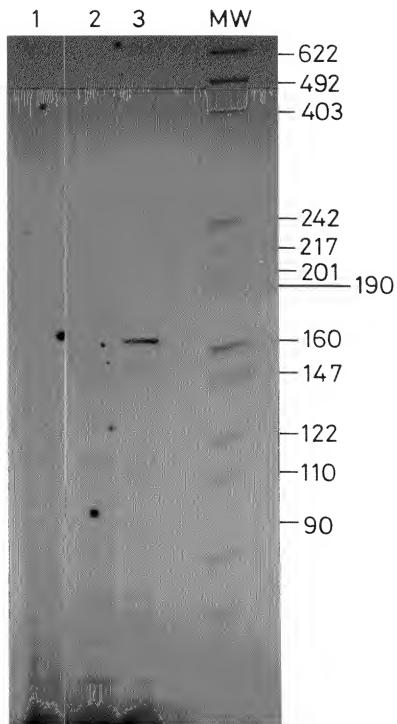
FIG. 4B



08/302241

08/302241

FIG. 5



8/30224  
8/165533

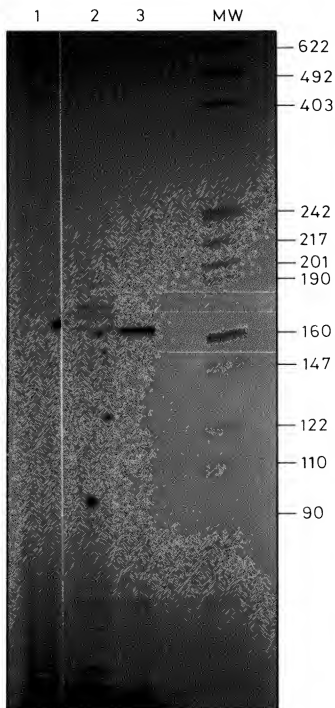


Fig. 5